

CLAIMS

The invention is hereby claimed as follows:

- 5 1. An artificial turf for providing a marking at an airport, the artificial turf comprising:
- a backing;
- a plurality of base fibers secured to the backing; and
- a plurality of first marking fibers secured to the backing so as to
- 10 visually define at least a portion of a first airport marking.
2. The artificial turf of Claim 1, wherein the base fibers and the first marking fibers have different pigmentation.
- 15 3. The artificial turf of Claim 1, which includes a plurality of second marking fibers secured to the backing so as to visually define a portion of the first airport marking.
4. The artificial turf of Claim 3, wherein the base fibers, first marking
- 20 fibers and second marking fibers have different pigmentation.

5. The artificial turf of Claim 3, which includes a plurality of third marking fibers secured to the backing so as to visually define a portion of the first airport marking.

5 6. The artificial turf of Claim 5, wherein the base fibers, first marking fibers, second marking fibers and third marking fibers have different pigmentation.

7. The artificial turf of Claim 1, which includes a plurality of second marking fibers secured to the backing so as to visually define at least a portion of a second airport marking.

8. The artificial turf of Claim 1, which includes a plurality of third marking fibers secured to the backing so as to visually define at least a portion of a third airport marking.

9. The artificial turf of Claim 1, wherein the backing includes a first backing section securing the base fibers, the first backing section attached to a second backing section securing the first marking fibers.

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10. The artificial turf of Claim 1, wherein the backing includes a plurality of individually attached backing sections, wherein each backing section secures a visually different fiber.

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5 11. ~~The artificial turf of Claim 1, wherein the first airport marking, defined at least partially by the first marking fibers, is installed in an airport so as to be aligned with a like pavement marking.~~

10 12. The artificial turf of Claim 1, wherein the first airport marking, visually defined at least partially by the first marking fibers, is adapted to inform a pilot to hold a position.

15 13. The artificial turf of Claim 1, wherein the first airport marking, visually defined at least partially by the first marking fibers, is adapted to direct a pilot where to move an airplane.

14. The artificial turf of Claim 1, wherein the first airport marking, visually defined at least partially by the first marking fibers, is adapted to inform a pilot of an airplane's current position in the airport.

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15. The artificial turf of Claim 1, wherein the first airport marking, visually defined at least partially by the first marking fibers, is adapted to define an end of a runway.

5 16. The artificial turf of Claim 1, wherein the first airport marking, visually defined at least partially by the first marking fibers, is adapted to define an end of a taxiway.

10 17. The artificial turf of Claim 1, wherein the first airport marking, visually defined at least partially by the first marking fibers, is adapted to define a hazardous parking area.

15 18. The artificial turf of Claim 1, wherein the first airport marking is a marking chosen from the group consisting of: a runway holding position line, a taxiway holding position line, an instrument landing system boundary marking, a holding position signal, a direction signal and a location signal.

19. An artificial turf for providing a marking at an airport, the artificial turf comprising:

a backing;

a plurality of base fibers secured to the backing; and

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a plurality of marking fibers secured to the backing so as to visually define at least a portion of an airport marking, wherein the marking fibers have a different pigment than the base fibers.

5 20. The artificial turf of Claim 19, wherein the marking fibers are disposed adjacent to the base fibers.

21. The artificial turf of Claim 19, wherein the marking fibers are disposed directly adjacent to the base fibers.

10 22. The artificial turf of Claim 19, wherein the base fibers have a fluorescent pigment.

23. The artificial turf of Claim 19, wherein the marking fibers have a
15 fluorescent pigment.

24. The artificial turf of Claim 19, wherein the marking fibers are painted to produce the different pigment.

20 25. The artificial turf of Claim 19, wherein the marking fibers are painted with fluorescent paint to produce the different pigment.

26. The artificial turf of Claim 19, wherein the airport marking is installed at an airport so as to be aligned with a like pavement marking.

5 27. The artificial turf of Claim 19, wherein the airport marking includes a character.

28. The artificial turf of Claim 19, wherein the airport marking includes a character and a border around the character.

10 29. The artificial turf of Claim 19, wherein the airport marking includes a plurality of parallel lines.

30. The artificial turf of Claim 19, wherein the airport marking includes a dashed line.

15 31. The artificial turf of Claim 19, wherein the airport marking includes a plurality of parallel lines and a plurality of intersecting lines perpendicular to the parallel lines.

20 32. The artificial turf of Claim 19, wherein the airport marking includes a plurality of chevrons.

33. The artificial turf of Claim 19, wherein the airport marking includes a plurality of checkered four sided shapes.

34. The artificial turf of Claim 19, wherein the airport marking includes an arrow.

35. The artificial turf of Claim 19, wherein the airport marking includes an arrow adjacent to a character.

36. An airport marking system comprising:
a backing securely installed in an area of an airport;
a plurality of base fibers secured to the backing;
a plurality of marking fibers secured to the backing, wherein the marking fibers are visually different from the base fibers;
a base beneath the backing, the base adapted to support the weight of an aircraft; and
a soil surface beneath the base.

37. An airport marking and arrester bed system comprising:
a backing securely installed in an area of an airport;
a plurality of base fibers secured to the backing;

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and

a plurality of marking fibers secured to the backing, wherein the marking fibers are visually different from the base fibers;

a base beneath the backing, the base adapted to slow a moving aircraft; and

5 a soil surface beneath the base.

38. An artificial turf for marking airports and repelling animals or birds comprising:

a backing;

10 a plurality of repelling fibers attached to the backing; and

a plurality of grass-like fibers attached to the backing, wherein a marking portion of the grass-like fibers is visually different than a base portion of the grass-like fibers.

15 39. The artificial turf of Claim 38, wherein a marking portion of the repelling fibers is visually different than a base portion of the repelling fibers.

FOOTNOTES

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